Think GAIA
For Life and the Earth

SANYO

PRELIMINARY

It's not just a camcorder.

It's a Dual Camera

PHOTOS & VIDEOS

Black

OPTICAL 5x ZOOM
WATER PROOF
5ft / 1.5m

VPC-CA9 Series

9M Photos & HD Videos

- Waterproof (5ft / 1.5m)
- High Speed Sequential Shot
- Optical 5x Zoom

Green Red

Xacti

9M Photos & HD (720p) Videos with Waterproof (5ft/1.5m)

9M Photos & HD (720p) Videos

The 9-megapixel CMOS of the Xacti CA9 enables beautiful photos with vivid color and intricate detail. The MPEG-4 AVC/H.264 format creates small, easy to handle files, and longer recordings. The Xacti CA9 also connects to a 16:9 HDTV with a optionally sold Component cable.

Waterproof (5 ft/1.5 m)

A waterproof design* lets you shoot at the beach, by the pool, or on ski slopes without worrying about submerging the camera or getting it wet from rain or snow. This lets you record action that would be impossible to capture with other cameras. * JIS Level 8, equivalent to IPX8

High-Speed Sequential Shooting

The CA9 is capable of high-speed sequential shooting at 1.6 frames per second (up to 13 frames) in [9M] mode, ensuring that you won't miss important shots. It also allows sequential shooting at 7.5 frame per second (up to 15 frames) in [2M] mode.

Optical 5x Zoom

The Xacti CA9 incorporates a high performance F3.5, 5x optical zoom lens. Subjects and far-away people can be captured in beautiful quality.

Compact & Stylish Design

At only 70.4 x 40.5 x 111.4 mm (W x D x H) and 230 g in weight*, the CA9 can go anywhere. Its casual form and active flare is well balanced to for everyday picturetaking. The vertical body allows a natural posture while recording. * Body only.

· Face Chaser for Photos & Videos
· Digital Image Stabilizer

Note: • Do not immerse in water at a depth greater than 1.5 m (4.92 ft.). • Do not immerse in water for longer than 60 minutes. After 60 minutes of use in water, allow to dry for at least 10 minutes • Do not immerse in water that is warmer than 40 °C (104 °F). • Do not open and close the battery/card compartment cover with wet hands.

■ Various Shooting Mode

Scene select
sports/portrait/ landscape/night portrait/ snow & beach/ fireworks/lamp

Digital Filter
cosmetic/ monochrome/ sepia

■ Other Features

In camera editing function | Versatile manual mode | 9-point AF | Talking navigation guide | Playback zoom & copy | Self-timer 2sec/10sec | Internal flash | Voice recorder function | Included PC video editing kit | Stereo recording | Simple mode | Super Macro Shooting: 1cm | PictBridge | Exif Print | Red by FotoNation

Multi-language Graphical User Interface:
English/ French/ German/ Spanish/ Italian/ Dutch/ Russian/ Portuguese/ Turkish/ Thai/ Korean/ Simplified Chinese/ Traditional Chinese

Model Number		VPC-CA9 Series
Effective pixel count	Photo	Approx. 9.0 megapixels
	Video	Approx. 7.31 megapixels (in HD), Approx. 8.44 megapixels (in SD)
Image sensor		C-MOS sensor, 1/ 2.5 inch, approx. 9.02 megapixels
Recording media		SD Memory Card (Up to 32GB SDHC Memory Card), Internal memory approx. 43 MB
Recording file format	Photo	JPEG (DCF*1, DPOF*2, Exif Ver2.2*3 standard)
	Video	ISO standard MPEG-4 AVC/ H.264 (.MP4), Audio: 48 kHz sampling, 16 bit, 2 ch, AAC compression
Resolution (pixels)	Photo	[12 M]: 4000 x 3000 (Pictrise), [9 M-H]: 3456 x 2592 (low compression), [9 M-S]: 3456 x 2592 (standard compression), [6.7 M (16:9)]: 3456 x 1944, [2 M]: 1600 x 1200, [0.9 M (16:9)]: 1280 x 720, [0.3 M]: 640 x 480
	Sequential	[9 M]: 3456 x 2592, [2 M]: 1600 x 1200
	Video*4	[HD-SHQ]: 1280 x 720 (30 fps), [TV-HR]: 640 x 480 (60 fps), [TV-SHQ]: 640 x 480 (30 fps)
Lens		f=6.3 - 31.7 mm, F=3.5 (wide) - 4.7 (tele), Auto Focus, 8 groups, 11 ele,ments (3 aspheric elements, 5 aspheric surfaces), Built-in ND filter
Angle of View / Zoom ratio (35mm equiv.)		Photo: f=38 - 190 mm x 5, Video: f=38 - 190 mm x 5
Photo range		Standard: 50 cm - ∞ (wide), 1.0 m - ∞ (tele), Super macro: 1 cm - 80 cm (wide)
Shutter speed	Photo	1/ 2 - 1/ 1500 sec. (Flash: 1/ 30 - 1/ 1500 sec., Lamp mode: Max. 2 sec.)
	Sequential	1/ 15 - 1/ 1500 sec. (No flash)
	Video	1/ 30 - 1/ 10000 sec. (High sensitivity mode/ Lamp mode: Max. 1/ 15 sec.)
Digital zoom	Shooting	Max. approx. 12x, Total zoom range: 60x (Photo, Video)
	Playback	Max. approx. 62.5x ([12 M] mode, varies with resolution)
Focus		Auto (Photo: 9-point AF/ Spot AF, Video: Continuous area AF), Manual
Scene select		Auto, Sports, Portrait, Landscape, Night Portrait, Snow & Beach, Underwater, Fireworks, Lamp*5
Digital filter		Standard, Cosmetic, Monochrome, Sepia
Photometry		Multi, Center-weighted, Spot
Minimum illmination for Video		Apporx. ** lux (Auto mode, 1/ 30sec.), Apporx. ** lux (High sensitivity or Lamp mode, 1/ 15sec.) <TBD>
Sensitivity		Auto (ISO50/ 400), Manual (ISO50/ 100/ 200/ 400/ 800/ 1600 ,Switching System)
Exposure correction		±1.8 EV (in 0.3 EV steps)
Digital image stabilizer	Photo	Electronic image stabilizer
	Video	Electronic image stabilizer
Face Detection		up to 12 faces at same time
Other functions		Red-eye correction in Photos/ Wind noise reduction
Self timer		2 sec./ 10 sec.
White balance	Auto	Full auto TTL
	Manual	Sunny, Cloudy, Fluorescent, Incandescent, One-push
Flash		Auto, Forced (with slow synchro in Night Portrait mode), Off
Flash range		GN= 3, Approx. 10 cm to 1.7 m (wide), Approx. 80 cm to 1.3 m (tele)
Audio		Microphone: Built-in stereo, Speaker: Built-in monaural (L/ R mixed output)
Monitor		2.5 inch Low-temperature polysilicon TFTcolor wide screen LCD, Approx. 150,000 pixels (7-level brightness, 285-degree rotation)
Interface		AV output (Video: Composite Video,NTSC/ PAL; Audio:Stereo), USB2.0 (high-speed mode)
Languages		English/ French/ German/ Spanish/ Italian/ Dutch/ Russian/ Portuguese/ Turkish/ Thai/ Korean/ Simplified Chinese/ Traditional Chinese
Power source		Lithium-ion battery (DB-L20, included: 720 mAh) (Min)
Power consumption		Using battery: 3.1 W (when shooting videos)
Approx. Battery life *6	Photo	Approx. ** Photos (CIPA standerd) <TBD>
	Video	Approx. ** min., Continuous playback: Approx. ** min. <TBD>
Dimensions/ Volume		70.4 (W) x 40.5 (D) x 111.4 (H) mm (maximum dimensions, excluding protruding parts), Approx.192 cc
Weight		Approx. 230 g (Body only), Approx. 249 g (including battery and SD card)
Operating environment		Temperature 0 - 40 °C (32 °F - 104 °F), Humidity 30 - 90 % (non-condensing)

Photo Capacities and Recording Times

SD Memory Card	Video Recording Time (Total Time)			
	HD-SHQ	TV-HR	TV-SHQ	Audio Only
4GB	57 min. 32 sec.	1 hr. 25 min.	2 hr. 45 min.	64 hr.
8GB	1 hr. 55 min.	2 hr. 51 min.	5 hr. 32 min.	130 hr.
16GB	3 hr. 51 min.	5 hr. 43 min.	11 hr. 6 min.	261 hr.

SD Memory Card	Still Image Capacity								
	12M	9M-H	9M-S	6.7M [16:9]	2M	0.9M [16:9]	0.3M	9M (Sequential)	2M(Sequential)
4GB	838	766	1,060	1,330	2,880	3,760	4,770	1,060	2,880
8GB	1,680	1,530	2,120	2,670	5,790	7,540	9,570	2,120	5,790
16GB	3,370	3,080	4,260	5,360	11,600	15,100	19,200	4,260	11,600

** Available video clip recording time is shown when a re-formatted card is inserted. * Photo capacities and video recording times are approximations only and may vary according to the memory card type and manufacturer, the subject and the shooting conditions. Particularly, when a low-speed SD card is used with HD-SHQ mode, consecutive shooting may be limited to only a few seconds. * When continuous recording time exceeds approximately 13 hours for audio, the file will be saved, and the subsequent data will be saved in a new file. Similarly, when the recording file size exceeds 4 GB, the file will be saved and subsequent data will be saved in a new file. (A new file is automatically created for every 4 GB. Although recording will continue until stopped, recording of video clips and sound will stop while files are being saved.)*

Included Accessories
·CD-ROM (Xacti Software CD 1.4) ·USB cable ·AV cable ·Li-ion battery pack ·Battery charger ·Soft case ·Hand strap

Optional Accessories
• Li-ion Battery: DB-L20
• Battery Charger: VAR-L20
• AC Adaptor: VAR-G9 • DC Adaptor: VAR-A2
• Component Cable: VCP-CPNT01 <Available soon>
• Floatable strap: VCP-S06F

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*1 DCF (Design rule for Camera File system) is a standard designed by the Japan Electronics and Information Technology Association (JEITA) primarily to facilitate the use of image files from digital cameras with related devices. *2 DPOF (Digital Print Order Format) is a format for recording on storage media information specifying frames and numbers of copies for printing of images taken by digital cameras. *3 Exif Ver. 2.2 is an industry standard established for file formatting of images from digital cameras. *4 The actual frame rates for this model are 59.94 fps at 60 fps,and 29.97 fps at 30 fps. *5 For still images, only available in [2M] / [0.9M] / [0.3M] mode. *6 Number of pictures based on CIPA (Camera & Image Products Association) standards. Video times reflect shooting in [HD-SHQ] mode. Playback times reflect continuous playback. Actual times may vary.

Further details regarding this product can be accessed at **http://www.sanyo-dsc.com/english/**

Caution: please consult the instruction manual to ensure safe and proper operation of the product.

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